

Work Order ID 99748

April-16-13 11:33:52 AM

99748

Page 1

Item ID: 646.4001

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: AS350 Cable Cutter

Start Date: 5/24/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/24/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: *MCS*

Date: *1304-16*

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
646.4000	A

100

100

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile & type labels per PPP 646.4001

0.00

0.00

21
B-67

1

110

110

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

3167
43/0/27

120

120

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.00

21
B-67

1

Work Order ID 99748

April-16-13 11:33:53 AM

99748

Page 2

Item ID: 646.4001

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: AS350 Cable Cutter

Start Date: 5/24/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/24/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP 646.4001
Location: _____



13/6/7

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ 13-06-07

MF
13-6-7

Picklist Print

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Page 1

16

Work Order ID: 99748

99748

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

646.3301		Manufactured	No				Each	25.0000					
<div style="display: flex; justify-content: space-between;"> <div> <p>*646 3301*</p> <p>Upper Cutter Assembly</p> </div> <div> <p>STP</p> </div> </div>													

Location	Loc Qty	Loc Code
----------	---------	----------

ST139A	7	
--------	---	--

125083	7	
--------	---	--

ST545	18	
-------	----	--

93247	18	
-------	----	--

646.3001		Manufactured	No				Each	17.0000					
<div style="display: flex; justify-content: space-between;"> <div> <p>*646 3001*</p> <p>Lower Cutter Assembly</p> </div> <div> <p>STP</p> </div> </div>													

Location	Loc Qty	Loc Code
----------	---------	----------

ST139A	9	
--------	---	--

125083	9	
--------	---	--

ST537	8	
-------	---	--

93425	8	
-------	---	--

646.2910		Manufactured	No				Each	6.0000					
<div style="display: flex; justify-content: space-between;"> <div> <p>*646 2910*</p> <p>Deflector</p> </div> <div> <p>STP</p> </div> </div>													

Location	Loc Qty	Loc Code
----------	---------	----------

ST139A	6	
--------	---	--

125083	6	
--------	---	--

93247

901823

93425

100122

Picklist Print

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Page 2

Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

646.3810

646 3810

Bracket

Manufactured No

Each 8.0000

**

2

99724

C S

SNB

Location

Loc Qty

Loc Code

ST139A

8

93300

8

Each 3.0000

**

1

99609

C S

646.3510

646 3510

Strut

Manufactured No

Loc Qty

Loc Code

Location

ST139B

3

125083

3

Each 2.0000

**

1

93263

C S

SNB

646.3511

646 3511

Strut

Manufactured No

Loc Qty

Loc Code

Location

ST

2

125023

2

Each 1.0000

**

1

100887

C S

SNB

646.3512

646 3512

Strut

Manufactured No

Loc Qty

Loc Code

Location

ST139A

1

125083

1

Each 24.0000

**

1

C 13/0/30 @

SNB

646.3513

646 3513

Strut

Manufactured No

Location

Loc Qty

Loc Code

ST139A

24

125083

24

125083

SNB

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Shop Packet Print

Page 2

Picklist Print

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Page 3

Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

Each

8.710.000

034

NAS1149F0332P

WASHER

**

h

SP

Location

Loc Qty

Loc Code

GA

182

122063

182

ST294

158

122063

158

ST295

3

123352

3

st510

8367

123900

8367

Each

4,780.000

123900

03

**

13/0/3-1

MS21042L3

Purchased

No

MS21042L3

Nut

Location

Loc Qty

Loc Code

FP001

3

122141

3

GA

119

122452

119

ST314

268

117885

32

119017

55

119075

138

123265

43

ST506

4390

123900

974

124291

3416

124291

Picklist Print

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Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

646.3110

Manufactured No

Each 6.0000

646 3110

Channel

SMB

Location

Loc Qty

Loc Code

ST139A

6

125083

6

Each 22.0000

646.3710

Manufactured No

646 3710

Doubler

SMB

Location

Loc Qty

Loc Code

ST425

22

97175

22

Each 5.0000

646.3210

Manufactured No

646 3210

Support

SMB

Location

Loc Qty

Loc Code

ST538

5

93488

5

Each 7.0000

646.3713

Manufactured No

646 3713

Gusset

SMB

Location

Loc Qty

Loc Code

ST139A

7

93208

7

**

**

**

**

0

93242

0

0

0

0

100126

13/5/30

Picklist Print

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Page 5

Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

MS24694-S51

Purchased

No

Each

108.0000

MS24694-S51

Screw

**

5

[Handwritten signature]

Location

Loc Qty

Loc Code

ST303

108

116805

1

123741

107

Each

95.0000

**

123741

[Handwritten signature]

AN3-13A

Purchased

No

AN3-13A

Bolt

[Handwritten signature]

Location

Loc Qty

Loc Code

ST351

45

104746

15

120910

30

ST512

50

123759

50

Each

453.0000

**

10

6/13/13

AN3-4A

Purchased

No

AN3-4A

Bolt

[Handwritten signature]

Location

Loc Qty

Loc Code

ST350

318

120308

80

122814

38

124858

200

ST512

135

120770

134

123900

1

124858

Picklist Print

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Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

CR3213-5-3

Purchased

No

Each

300.0000

~~CR3213-5-3~~

Cherry Rivet

SMP

**

14



Location

Loc Qty

Loc Code

ST329

300

123785

300

Each

741.0000

**

123785

13/0/300



MS20470AD5-5.5

Purchased

No

~~MS20470AD5-5-5~~

Rivet

SMP

Location

Loc Qty

Loc Code

ST336

741

123425

741

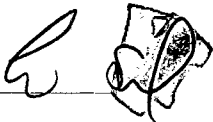
Each

2.0000

**

123425

102004



646.3711

Manufactured

No

~~646-3711~~

Clip

SMP

Location

Loc Qty

Loc Code

ST139B

2

125083

2

Each

2.0000

**

102553



646.3712

Manufactured

No

~~646-3712~~

Clip

SMP

Location

Loc Qty

Loc Code

ST139B

2

125083

2

Picklist Print

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Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

646.3811

Manufactured No

Each 29.0000

646 381 1

Radius Block

Sm

Location

Loc Qty

Loc Code

ST139A

29

125083

9

93224

20

AN3-6A

Purchased No

Each 438.0000

AN3-6A

Bolt

Sm

Location

Loc Qty

Loc Code

ST350

300

124296

300

ST351

61

117441

34

121166

13

122993

10

123831

4

ST512

77

122814

77

MS24694-S55

Purchased No

Each 92.0000

MS24694-S55

Screw

Sm

Location

Loc Qty

Loc Code

ST303

92

124296

92

Picklist Print

April-16-13 11:33:57 AM

Page 8

Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

646.3610

Manufactured No

Each 18.0000

646 3610
Filler

**

Location

Loc Qty

Loc Code

125083

7

125083

7

ST139A

11

93434

11

Each

2.0000

646.3714

Manufactured No

646 3714
Gusset

**

Location

Loc Qty

Loc Code

ST139A

2

93175

2

Each

1,756.000

MS20470AD5-6

Purchased No

MS20470AD5-6
Rivet

**

Location

Loc Qty

Loc Code

ST336

1756

105433

866

124089

890

Each

9.0000

646.3812

Manufactured No

646 3812
Gusset Bracket

**

Location

Loc Qty

Loc Code

ST139B

9

93185

9

Picklist Print

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Page 9

Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

AN3-3A Purchased No

Each 268.0000

AN3-3A
Bolt

**

Location

Loc Qty

Loc Code

ST350

268

123831

7

124221

200

124552

61

646.3813 Manufactured No

Each 5.0000

646-3813
Strut Bracket

**

Location

Loc Qty

Loc Code

ST139d

5

125083

5

MS21047-3 Purchased No

Each 445.0000

MS21047-3
NUT PLATE

**

Location

Loc Qty

Loc Code

ST316

445

123268

75

123301

50

123522

320

CCR264SS3-02 Purchased No

Each 740.0000

CCR264SS3-02
Rivet, Cherry

**

Location

Loc Qty

Loc Code

ST327

740

106578

100

123785

240

124231

200

124259

200

April-16-13 11:33:57 AM

Shop Packet Print

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*

M-520470A-05-7

Shp

3-123425 13/13/13

Picklist Print

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Page 10

Work Order ID: *99748*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

AN3-5A

Purchased

No

Each

1.103.000

AN3-5A
Bolt

**

Location

Loc Qty

Loc Code

FP001

86

122800

86

GA

120

117423

120

ST350

22

120187

22

ST512

875

122416

75

124561

800

Each

12.0000

**

646.3715

Manufactured

No

646 3715
Strut Doubler

Location

Loc Qty

Loc Code

ST139B

12

93338

12

Each

169.0000

**

MS27039-1-12

Purchased

No

MS27039-1-12
Screw

Location

Loc Qty

Loc Code

Mezz

169

100993

169

Each

4.0000

**

646.3716

Manufactured

No

646 3716
Gauge Bracket

Location

Loc Qty

Loc Code

125083

4

125083

4

April-16-13 11:33:57 AM

Shop Packet Print

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Picklist Print

April-16-13 11:33:57 AM

Page 11

Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

MS20426AD5-7

Purchased

No

Each

813.0000

MS20426AD5-7

Rivet

JMB

**



Location

Loc Qty

Loc Code

ST334

813

101340

813

Each

76.0000

**

161340



M105535



MS24694-S54

Purchased

No

MS24694-S54

Screw

JMB

Location

Loc Qty

Loc Code

ST303

76

123900

1

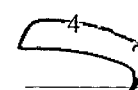
124859

75

Each

343.0000

**



MS27039-1-21

Purchased

No

MS27039-1-21

SCREW

JMB

Location

Loc Qty

Loc Code

ST306

43

115935

43

ST506

300

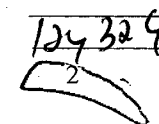
124326

300

Each

478.0000

**



1315/30



MS27039-1-20

Purchased

No

MS27039-1-20

Screw

JMB

Location

Loc Qty

Loc Code

st510

478

124326

478

124326

Picklist Print

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Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-19

Purchased

No

Each

848.0000

MS27039-1-19

Screw

**

Location

Loc Qty

Loc Code

ST306

102

122814

2

123522

100

ST506

746

124326

746

Each

2.0000

Manufactured

No

646.3717

646-3717

Doubler

**

Location

Loc Qty

Loc Code

ST139B

2

125083

2

Each

45.0000

Manufactured

No

646.3718

646-3718

Custom Washer

**

Location

Loc Qty

Loc Code

ST139A

7

125083

7

ST522

38

93365

38

Each

24.0000

Manufactured

No

646.3719

646-3719

Doubler

**

Location

Loc Qty

Loc Code

ST139B

24

125083

24

Picklist Print

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Page 13

Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-10

Purchased

No

Each

321.0000

MS27039-1-10

Screw

**

Location

Loc Qty

Loc Code

GA

100

120449

100

ST305

101

122815

1

124859

100

ST308

18

123522

18

ST506

102

124326

102

Each

672.0000

AN3-11A

Purchased

No

AN3-11A

Bolt

**

Location

Loc Qty

Loc Code

ST351

72

123525

72

ST512

600

115457

100

123352

200

123759

300

Each

9.0000

600.0990

Purchased

No

600 0990

Magnabond 6398 Part A (One 4 oz can)

**

Location

Loc Qty

Loc Code

ST

9

125051

9

Picklist Print

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Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

600.0991

Purchased

No

Each

9.0000

600 0991

Magnabond 6398 Part B (One 4 oz can)

**

125 865



Location

Loc Qty

Loc Code

ST

9

125051

9

Each

9.0000

**



1120540



600.1012

Purchased

No

600 1012

Sealant (One 6 oz Semkit)

Shp

Location

Loc Qty

Loc Code

ST

9

125051

9

f

128.0000

**



C



600.0129

Purchased

No

600 0129

VHB Tape (75935A651 mcmaster)

1 X 96"

Shp

Location

Loc Qty

Loc Code

ST

128

125031

128

Each

945.0000

**

128031



96 12-04-26



600.1013

Purchased

No

600 1013

Tape Primer

Shp

Location

Loc Qty

Loc Code

ST139A

945

125154

945

125154

Picklist Print

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Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

646.3910

Manufactured No

Each 72.0000

646 3910
Shim

**

Location

Loc Qty

Loc Code

ST139B 125083
ST139d 93238

22
22
50
50

93238

646.3911

Manufactured No

Each 20.0000

646 3911
Shim

**

Location

Loc Qty

Loc Code

ST139A 125083
ST139d 93362

1
1
19
19

93362

646.3912

Manufactured No

Each 73.0000

646 3912
Shim

**

Location

Loc Qty

Loc Code

ST139A 125083
ST139d 93423

22
22
51
51

125083

93423

Picklist Print

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Work Order ID: 99748

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99748

646 4001

Start Date: 5/24/13

Required Date: 5/24/13

Start Qty: 1.00

Required Qty: 1.00

646.3913

Manufactured No

Each 36.0000

646 3913

Shim

**

Location

Loc Qty

Loc Code

ST139B

16

125083

16

ST139d

20

93160

20

AN3-12A

Purchased No

Each 59.0000

AN3-12A

Bolt

**

Location

Loc Qty

Loc Code

GA

6

122407

6

ST351

5

114536

1

123352

4

ST512

48

123759

48

MS27039-1-16

Purchased No

Each 70.0000

MS27039-1-16

Screw

**

Location

Loc Qty

Loc Code

ST306

70

122993

70

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO 03079

SHEET 1 JF 1

DWG NO. 646.4000

REV: A

PREPARED BY: N.CAP

DATE: 03/21/11

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

ENGR *R. Brano*

MFG

David J. Babin

QC

Wanda J. Jones

EFF:

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

SHEET 1, BOM, IS:

99748 MJS
13-04-15

REF	REF	REF	65	647.5701	GPS MOUNT KIT	
		6	64	601.3151	WASHER	MS24770ADP
		2	63	601.2911	SCREW	MS246943S3
		2	62	601.2637	SCREW	MS27039-1-16
		1	61	601.2763	BOLT	MS246943S3
		4	60	646.3913	SHIM	MS246943S3
		1	59	646.3912	SHIM	MS246943S3
		1	58	646.3911	SHIM	MS246943S3
		4	57	646.3910	SHIM	MS246943S3
		5	56	600.1013	PRIMER	
		8 FT	55	600.1012	VHB TAPE	
		1	54	600.1012	SEALANT	MS246943S3
REF	REF	REF	65	647.5701	GPS MOUNT KIT	
REF	REF	REF	65	647.5701	GPS MOUNT KIT	
REF	REF	REF	65	647.5701	GPS MOUNT KIT	

	1	1	53	600.0991	MACHINING 6398 PART B	
	1	1	52	600.0990	MACHINING 6398 PART A	
	8	8	51	601.2826	BOLT	MS246943S3
		2	50	646.3814	VIPER BRACKET	
		2	49	601.2910	SCREW	MS27039-1-18
2		2	48	601.1365	SCREW	MS27039-1-18
2		2	47	646.3719	DOUBLER	
	2	2	46	646.3718	CUSTOM WASHER	
1		1	45	646.3717	DOUBLER	
	22	22	44	601.1948	SCREW	MS27039-1-19
	2	2	43	601.1952	SCREW	MS27039-1-20
	4	4	42	601.1956	SCREW	MS27039-1-21
	2	2	41	601.2829	SCREW	MS246943S3
	2	2	40	601.2831	RIVET	MS246943S3-7
	1	1	39	646.3716	GAUGE BRACKET	
	6	6	38	601.1953	SCREW	MS27039-1-12
2		2	37	646.3715	STRUT DOUBLER	
	2	2	36	601.2824	BOLT	MS246943S3
36		36	35	601.2277	RIVET	MS246943S3-6R
18		18	34	600.0795	NUTPLATE	MS246943S3
3		3	33	601.2565	RIVET	MS246943S3-7
	1	1	32	646.3813	STRUT BRACKET	
	4	4	31	601.2822	BOLT	MS246943S3
	2	2	30	646.3812	GUSSET BRACKET	
	8	8	29	601.2564	RIVET	MS246943S3-6
		1	28	646.3714	GUSSET	
	1	1	27	646.3610	FILLER	
		1	26	601.2830	SCREW	MS246943S3
	2	2	25	601.2825	BOLT	MS246943S3
		1	24	646.3811	RADIUS BLOCK	
	1	1	23	646.3712	CLIP	
	1	1	22	646.3711	CLIP	
8		8	21	601.2832	RIVET	MS246943S3
14		14	20	601.2020	RIVET	MS246943S3-3
10		10	19	601.2823	BOLT	MS246943S3
		1	18	601.2827	BOLT	MS246943S3
	5	5	17	601.2912	SCREW	MS246943S3
		1	16	646.3713	GUSSET	
	1	1	15	646.3810	SUPPORT	
	1	1	14	646.3710	DOUBLER	
		1	13	646.3110	CHANNEL	
8	55	63	12	601.1624	LOCKOUT	MS246943S3
18	116	134	11	601.1607	VASHER	MS246943S3
			10	646.3411	RH VIPER DEFLECTOR	
			9	646.3410	LH VIPER DEFLECTOR	
			8	646.3513	STRUT	
			7	646.3512	STRUT	
			6	646.3511	STRUT	
			5	646.3510	STRUT	
2		2	4	646.3810	BRACKET	
	1	1	3	646.2910	DEFLECTOR	
	1	1	2	646.3001	LOWER CUTTER ASSY	
	1	1	1	646.3301	UPPER CUTTER ASSY	
X				646.4004	FIXED PROVISIONS KIT	
X				646.4003	FIXED CUTTERS KIT	
				646.4002	FIXED CUTTERS KIT	
				646.4001	AS350 CABLE CUTTERS KIT	
				646.4000	AS350 CABLE CUTTERS KIT	
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				646.4000	AS350 CABLE CUTTERS KIT	
				646.4000	AS350 CABLE CUTTERS	

DOCUMENTS EFFECTED:

☒ MDL ☒ INSTALL INSTRU ☒ ICA ☒ BOM

CHANGE CATEGORY
☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED
☐ YES ☒ NO

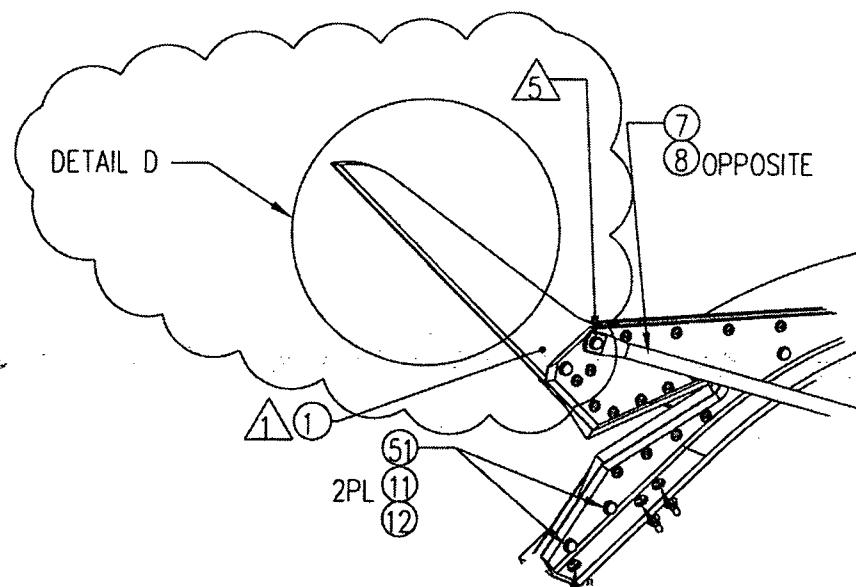
99748

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03046				SHEET 1 OF 1	
	DWG NO. 646.4000	REV: A	PREPARED BY J. JACKSON	DATE: 01/24/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: AS350 CABLE CUTTERS KIT					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED GPS MOUNT KIT, F/N 65. REVISED DRAWING VIEWS. ADDED NOTE $\triangle 7$.					

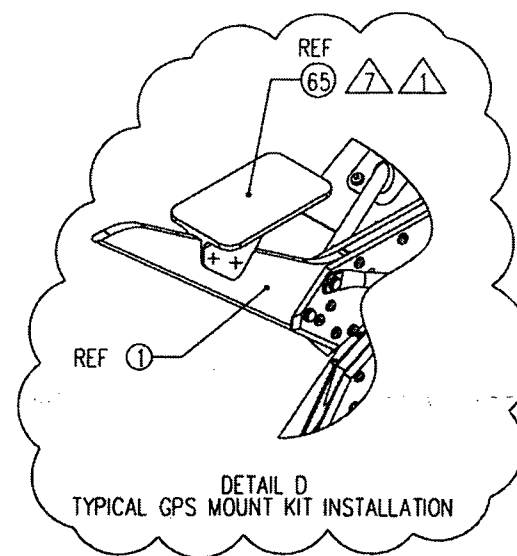
SHEET 1, ZONE B1 IS:

$\triangle 7$ AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A4 IS:



SHEET 2, ZONE B2 IS:



65	A	647.5701	REF	GPS MOUNT KIT	$\triangle 7$	
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
			4001			
DOCUMENTS EFFECTED:				<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM	CHANGE CATEGORY	DER REVIEW REQUIRED
				<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

NOTES

1. AFTER INSTALLATION, APPLY 1/8" 54 A/R TO FILL GAPS AND FILLET EDGES
2. INSTALL F/N 14 WITH F/N 52 & 53
3. 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMMASTER-CARR P/N 75935A651
4. 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE
VENDOR: R.S. HUGHES P/N 021200-24216
5. REUSE FASTENERS FROM F/N 1
6. USE WASHERS AS REQUIRED AS SHIMS TO OBTAIN BEST FITMENT

31.0N(s)
C3046, C3079



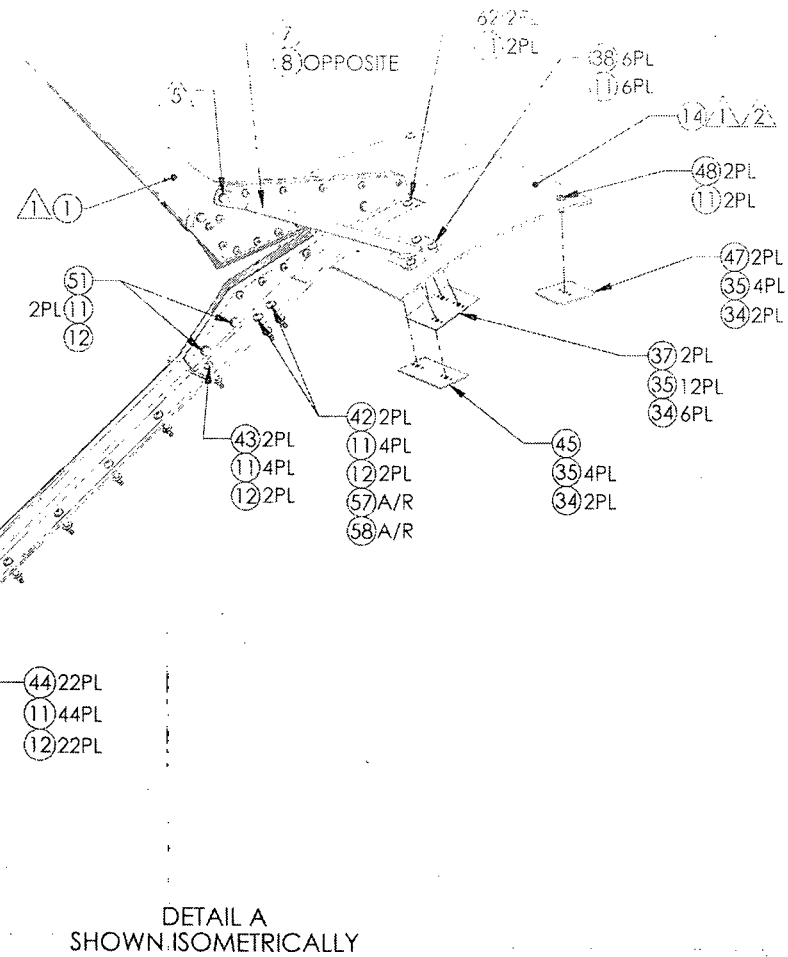
QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
6	64	601.3151	WASHER	MS21447D303P	
2	63	601.2911	SCREW	MS2469-553	
2	62	601.2637	SCREW	MS27009-1-16	
2	61	601.2763	BOLT	ANSI 12A	
1	60	646.3913	SHIM		
4	59	646.3912	SHIM		
1	58	646.3911	SHIM		

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	57	646.3910	SHIM		
1	56	646.3909	SHIM		
1	55	646.3908	SHIM		
1	54	646.3907	SHIM		
1	53	600.0790	NUTPLATE	MS21047-3	
1	52	601.2524	BOLT	ANSI 12A	
2	51	646.3814	WIPER BRACKET		
2	49	601.2510	SCREW	MS21047-3	
2	48	601.1365	SCREW	MS21047-3	
2	47	646.3719	DOUBLER		
2	46	646.3718	CUSTOM WASHER		
1	45	646.3717	DOUBLER		
2	22	44	601.1948	SCREW	MS21047-3
2	43	601.1952	SCREW	MS21047-3	
4	42	601.1956	SCREW	MS21047-3	
2	41	601.2829	SCREW	MS21047-3	
2	40	601.2831	RIVET	MS21047-3	
1	39	646.3716	GAUGE BRACKET		
6	38	601.1953	SCREW	MS21047-3	
2	37	646.3715	STRUT DOUBLER		
2	36	601.2824	BOLT	ANSI 12A	
36	35	601.2277	RIVET	MS21047-3	
18	34	600.0795	NUTPLATE	MS21047-3	
3	33	601.2565	RIVET	MS21047-3	
1	32	646.3813	STRUT BRACKET		
4	31	601.2822	BOLT	ANSI 12A	
2	30	646.3812	GUSSET BRACKET		
8	29	601.2564	RIVET	MS21047-3	
1	28	646.3714	GUSSET		
1	27	646.3610	FILLER		
1	26	601.2830	SCREW	MS21047-3	
2	25	601.2825	BOLT	ANSI 12A	
1	24	646.3811	RADIUS BLOCK		
1	23	646.3712	CLIP		
8	22	646.3711	CLIP		
14	20	601.2020	RIVET	MS21047-3	
10	19	601.2823	BOLT	ANSI 12A	
1	18	601.2827	BOLT	ANSI 12A	
5	17	601.2912	SCREW	MS21047-3	
1	16	646.3713	GUSSET		
1	15	646.3210	SUPPORT		
1	14	646.3710	DOUBLER		
1	13	646.3110	CHANNEL		
6	63	12	601.1624	LOCKNUT	MS21047-3
16	134	11	601.1607	WASHER	MS21047-3
1	10	646.3411	RH WIPER DEFLECTOR		
1	9	646.3410	LH WIPER DEFLECTOR		
1	8	646.3513	STRUT		
1	7	646.3512	STRUT		
1	6	646.3511	STRUT		
1	5	646.3510	STRUT		
2	4	646.3810	BRACKET		
1	3	646.2910	DEFLECTOR		
1	2	646.3001	LOWER CUTTER ASSY		
1	1	646.3301	UPPER CUTTER ASSY		
1	1	646.4002	AS350 WIPER DEFLECTOR KIT		
1	1	646.4001	AS350 CABLE CUTTERS KIT		

QTY		FIND #		PART #		DESCRIPTION		MATL		SPEC.	
NEXT ASSY (S)		DRAWING DATE		28-21-08		DRAWN BY		J. GRAY		REV	
		DRAWING APPROVAL				DATE					
		CHECKED BY				DATE					
		UNLESS OTHERWISE SPECIFIED				DIMENSIONS ARE IN INCHES					
		TOLERANCES ARE:				FRACTIONS DECIMALS ±					
		1/16" 0.0015"				1/32" 0.0005"					
		1/64" 0.0002"				1/128" 0.0001"					
		ANGLES ± 1°									
		CAGE CODE		DWG NO.		REV					
		B 07M26		646.4000		A					
		SCALE		NONE		SHEET		1 OF 4			

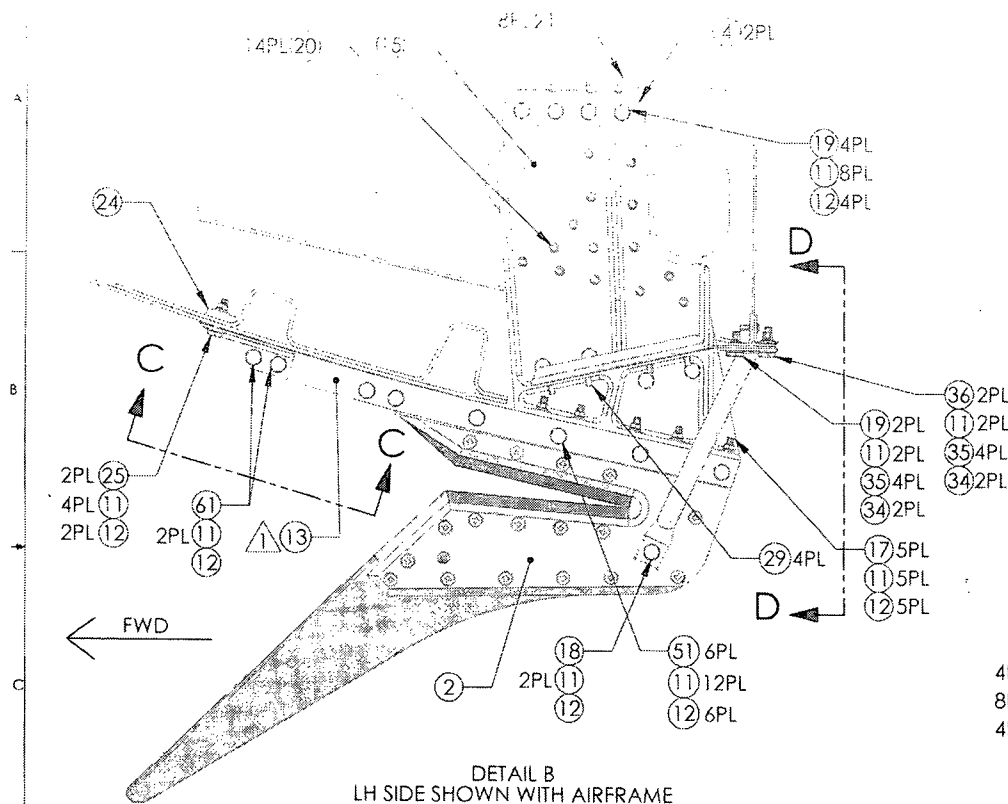
APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR
OCEANSIDE, CA. 92056-3512 (760)774-5300

AS350 CABLE CUTTERS KIT

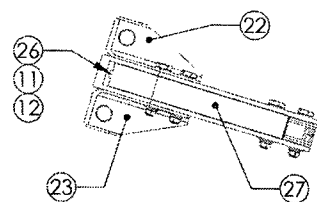


DETAIL A
SHOWN ISOMETRICALLY

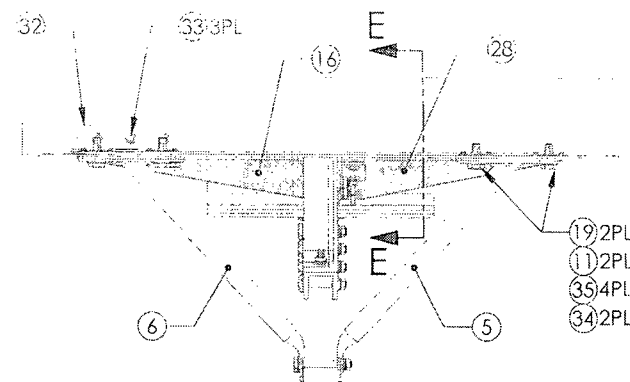
ORIGINAL DATE (MM/DD/YY) 06/27/08	APICAL INDUSTRIES		
ISSUED BY J. MUIR P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056 3512 (760)724-5300		
DATE/ISSUE APPROVAL P. BRAVO			
CONTACT ID			
MEETS OTHER PAPER SPECIFICATIONS (TRANSVERSAL) A. 18 INCHES 2 PLACES DECIMALS 131 1 PLACES DECIMALS 1506 AREA 1.5			
SERIAL	DATE CODE	PRIC. NO.	REV.
	07M26	646.4000	
SCALE: NONE		SHEET 2 OF 4	



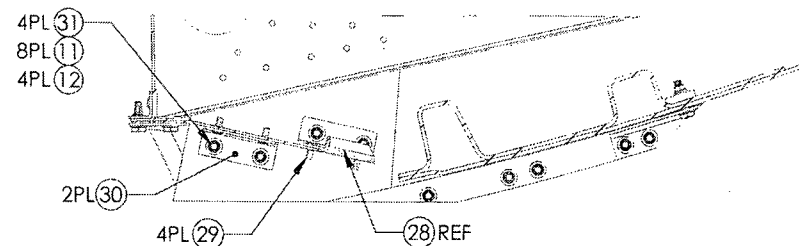
DETAIL B
LH SIDE SHOWN WITH AIRFRAME



SECTION C-C



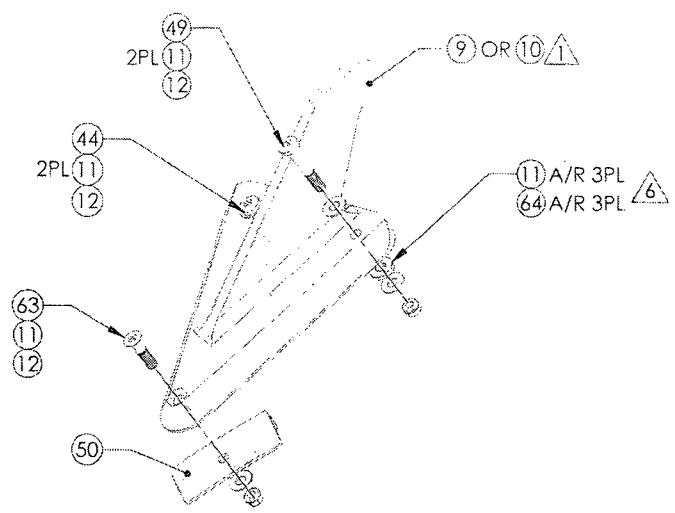
SECTION D-D
CUTTER HIDDEN FOR CLARITY



SECTION E-E

ORIGINAL DATE REVISED DATE		APICAL INDUSTRIES	
DRAWN BY: J. HERR		2408 TEMPLE HEIGHTS DR.	
CHECKED BY: P. BRAY		OCEANSIDE, CA. 92056-3512 (760)724-5390	
DRAWING APPROVAL		AS350 CABLE CUTTERS KIT	
P. BRAY		REV A	
DATE: 08-22-08		SCALE: NONE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES		SHEET 3 OF 4	

99748



DETAIL C
LH SHOWN EXPLODED
RH OPPOSITE

ORIGINAL DATE 30-07-08			
DESIGNED BY S. HERR		CHECKED BY E. SPANIO	
DRAWING APPROVAL E. EDWARDS			
CONTRACT NO.			
APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300			
AS350 CABLE CUTTERS KIT			
REV	CAGE CODE	QTY	REV
B	07M16	646.4000	A
SCALE: NONE		SHEET: 4 OF 4	

Work Order ID 99748

99748

Page 1

April-16-13 11:33:52 AM

Item ID: 646.4001

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: AS350 Cable Cutter

Start Date: 5/24/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/24/13 Req'd Qty: 1.00

1

Customer:

Reference:

Run Start *NR1*

Approvals: Process Plan: *MLS*

Date: *1304-16*

Tooling:

Date:

Stop *NR2*

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan Code Accept Qty Reject Qty Reject Number Insp. Stamp

Draw Nbr

Revision Nbr

646.4000

A

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP 646.4001

MLS 13-04-26

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control